

**Thermylene® P8-32FG-0600**

 Asahi Kasei Plastics North America Inc. - *Polypropylene*
**General Information**
**Product Description**

This performance compound has been optimized for use in structural applications. This high strength material has excellent creep resistance and heat stabilized for higher temperature applications.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 32% Filler by Weight
Additive	• Heat Stabilizer
Features	• Creep Resistant • High Heat Resistance • Heat Stabilized • High Strength

**Properties <sup>1</sup>**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	1.16	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress	14500	psi	ISO 527-2
Flexural Modulus	1.07E+6	psi	ISO 178
Flexural Stress	22900	psi	ISO 178
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Charpy Notched Impact Strength (73°F)	5.7	ft·lb/in <sup>2</sup>	ISO 179
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	302	°F	ISO 75-2/A

